

American Petroleum Institute
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weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 70

For Week Ended September 1, 1989

NO. 35

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 09/01/89	Last Week Ending: 08/25/89	Last Year Week Ending: 09/02/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	14,291	14,199	14,233	92	58
Operable capacity	15,576	15,576	15,917	0	-341
Percent operated	91.8	91.2	89.4		
Motor Gasoline					
Total motor gasoline production	7,073	6,955	7,417	118	-344
Finished leaded motor gasoline production	710	681	1,327	29	-617
Finished unleaded motor gasoline production	6,363	6,274	6,090	89	273
Total motor gasoline stocks	217,725	223,481	217,836	-5,756	-111
Finished leaded motor gasoline stocks	22,193	24,046	42,986	-1,853	-20,793
Finished unleaded motor gasoline stocks	156,501	159,875	138,075	-3,374	18,426
Jet Fuel Kerosine					
Jet fuel kerosine production	1,219	1,308	1,210	-89	9
Jet fuel kerosine stocks	41,711	41,654	40,629	57	1,082
Distillate Fuel Oil					
Distillate fuel oil production	3,059	3,032	2,940	27	119
Distillate fuel oil stocks	116,792	116,284	123,364	508	-6,572
Residual Fuel Oil					
Residual fuel oil production	916	967	892	-51	24
Residual fuel oil stocks	42,156	42,463	38,800	-307	3,356
Imports					
Crude oil imports	6,446	6,509	5,489	-63	957
Product imports	1,738	2,187	2,107	-449	-369
Crude Oil Stocks					
Crude oil stocks	335,797	337,316	331,915	-1,519	3,882
Crude Supply Balance					
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*See definitions on page 6.



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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Oper- ated
East Coast	1,545	1,293	1,293	1,325	97.6
Appal. No. 1	102	96	96	109	88.1
DISTRICT 1 TOTAL	1,647	1,389	1,389	1,434	96.9
Ind., Ill., Ky.	2,212	2,098	2,116	2,198	96.3
Minn., Wisc., Daks.	289	284	287	337	85.2
Okla., Kans., Mo.	766	723	723	730	99.0
DISTRICT 2 TOTAL	3,267	3,105	3,126	3,265	95.7
Inland Texas	580	521	522	555	94.1
Texas Gulf Coast	3,602	3,179	3,206	3,477	92.2
La. Gulf Coast	2,556	2,451	2,478	2,938	84.3
N. La. and Ark.	194	188	188	247	76.1
New Mexico	87	74	88	76	115.8
DISTRICT 3 TOTAL	7,019	6,413	6,482	7,293	88.9
DISTRICT 4 TOTAL	511	498	498	546	91.2
DISTRICT 5 TOTAL	2,845	2,701	2,796	3,038	92.0
TOTAL U.S.	15,289	14,106	14,291	15,576	91.8
TOTAL U.S.					
Weeks Ended:					
AUG. 25, 1989	15,225	14,025	14,199	15,576	91.2
SEP. 2, 1988	15,240	14,128	14,233	15,917	89.4
DISTRICTS 1-4					
Weeks Ended:					
SEP. 01, 1989	12,444	11,405	11,495	12,538	91.7
AUG. 25, 1989	12,387	11,294	11,371	12,538	90.7
SEP. 2, 1988	12,423	11,424	11,473	12,686	90.4

API WEEKLY STATISTICAL BULLETIN

Week Ended September 1, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline		Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	726	32	694	9	77	432	90
Appal. No. 1	39	6	33	--	--	35	2
DISTRICT 1 TOTAL	765	38	727	9	77	467	92
Ind., Ill., Ky.	1,214	25	1,189	12	114	448	60
Minn., Wisc., Daks.	134	4	130	2	17	79	10
Okla., Kans., Mo.	401	98	303	10	46	197	6
DISTRICT 2 TOTAL	1,749	127	1,622	24	177	724	76
Inland Texas	283	49	234	32	38	127	12
Texas Gulf Coast	1,523	82	1,441	54	281	592	211
La. Gulf Coast	1,203	70	1,133	22	248	469	126
N. La. and Ark.	55	2	53	7	5	59	9
New Mexico	51	14	37	6	1	15	1
DISTRICT 3 TOTAL	3,115	217	2,898	121	573	1,262	359
DISTRICT 4 TOTAL	231	66	165	11	38	131	8
DISTRICT 5 TOTAL	1,213	262	951	56	354	475	381
TOTAL U.S.	7,073	710	6,363	221	1,219	3,059	916
TOTAL U.S.							
Weeks Ended:							
AUG. 25, 1989	6,955	681	6,274	222	1,308	3,032	967
SEP. 2, 1988	7,417	1,327	6,090	204	1,210	2,940	892
DISTRICTS 1-4							
Weeks Ended:							
SEP. 01, 1989	5,860	448	5,412	165	865	2,584	535
AUG. 25, 1989	5,700	417	5,283	168	922	2,539	587
SEP. 2, 1988	6,130	997	5,133	158	869	2,474	518

¹Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.²Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended September 1, 1989

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline ¹	Motor Gasoline			Jet Fuel		Distillate Fuel Oil ²	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,537	59	4,477	1	99	737	5,953	684	--
Central Atlantic	25,758	514	20,967	4,277	404	5,022	28,715	14,362	12,149
Lower Atlantic	30,691	2,477	27,828	386	358	5,142	12,869	2,688	397
DISTRICT 1 TOTAL	60,986	3,050	53,272	4,664	861	10,901	47,537	17,734	12,546
DISTRICT 2 TOTAL	58,098	7,269	42,796	8,033	993	9,111	29,611	2,840	17,369
DISTRICT 3 TOTAL	63,104	4,508	41,884	16,712	2,440	15,083	26,623	14,116	50,220
DISTRICT 4 TOTAL	5,965	1,610	2,590	1,765	304	726	2,461	608	2,282
DISTRICT 5 TOTAL	29,572	5,756	15,959	7,857	1,571	5,890	10,560	6,858	23,278
TOTAL U.S.	217,725	22,193	156,501	39,031	6,169	41,711	116,792	42,156	105,695
TOTAL U.S. Weeks Ended:									
AUG. 25, 1989	223,481	24,046	159,875	39,560	6,100	41,654	116,284	42,463	105,914
SEP. 2, 1988	217,836	42,986	138,075	36,775	7,050	40,629	123,364	38,800	111,689
DISTRICTS 1-4 Weeks Ended:									
SEP. 01, 1989	188,153	16,437	140,542	31,174	4,598	35,821	106,232	35,298	82,417
AUG. 25, 1989	192,135	17,905	142,362	31,868	4,508	35,596	106,171	35,160	82,098
SEP. 2, 1988	189,464	36,812	123,157	29,495	5,493	33,430	111,959	31,992	83,132

¹Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

²Includes Grade No. 4 fuel oil.

WEEKLY STATISTICAL BULLETIN

Week Ended September 1, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE),
IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production ¹		Crude Oil Imports ¹		Crude Oil Stocks By Location
	API Monthly	Latest Dept. of Energy April 1989	Total	From Canada	
DISTRICTS 1-4 TOTAL					
	Daily Average				
SEP. 01, 1989	4,685.0	4,858.0	6,120	574	261,166
AUG. 25, 1989	4,685.0	--	6,274*	676*	263,996
AUG. 18, 1989	4,685.0	--	6,624	584	260,036
AUG. 11, 1989	4,685.0	--	6,181	626	257,404

DISTRICT 5 TOTAL

SEP. 01, 1989	2,885.0	2,897.0	326	--	74,631 #
AUG. 25, 1989	2,885.0	--	235	--	73,320
AUG. 18, 1989	2,885.0	--	315	7	75,191
AUG. 11, 1989	2,885.0	--	246	--	73,346

INCLUDES 14,890 BBLs. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

TOTAL U.S.

SEP. 01, 1989	7,570.0	7,755.0	6,446	574	335,797 #
AUG. 25, 1989	7,570.0	--	6,509*	676*	337,316
AUG. 18, 1989	7,570.0	--	6,939	591	335,227
AUG. 11, 1989	7,570.0	--	6,427	626	330,750
SEP. 2, 1988	8,079.0 a/	--	5,489	674	331,915

a/ DOE actual for August 1988.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE¹ (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages		
		Absolute	Positive	Negative
SEP. 01, 1989	29	445	472	-372

LOCATION OF CRUDE OIL STOCKS¹

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
SEP. 01, 1989	14,019	69,352	165,624	12,171	261,166	74,631 #	335,797 #
AUG. 25, 1989	14,237	69,234	168,224	12,301	263,996	73,320	337,316
SEP. 2, 1988	16,869	70,819	158,787	11,775	258,250	73,665	331,915

¹ See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

(Daily averages in thousands of 42-gallon barrels)												
DISTRICT	Total Motor Gasoline ¹	Motor Finished Leaded	Gasoline Finished Unleaded	Gasoline ² Blending Components	Jet Fuel		Distillate Fuel Oil ³	Residual Fuel Oil	L.P.G.	Unfinished		Total
				Naphtha Type	Kerosine Type	Oils				Other		
New England	22	--	22	--	--	--	150	--	13	--	4	189
Central Atlantic	16	--	16	26	--	27	51	445	13	96	--	674
Lower Atlantic	161	--	161	--	--	11	11	--	--	--	--	183
DISTRICT 1 TOTAL												
SEP. 01, 1989	199	--	199	26	--	38	212	445	26	96	4	1,046
AUG. 25, 1989	490	--	490	42	--	74	214	337	34	124	21	1,336
AUG. 18, 1989	229	--	229	108	--	55	285	348	19	168	6	1,218
AUG. 11, 1989	406	--	406	22	--	68	292	522	54	111	6	1,481
DISTRICTS 2-4 TOTAL												
SEP. 01, 1989	6	--	6	18	4	28	5	8	133	434	7	643
AUG. 25, 1989	7	--	7	45	4	28	3	7	233	324	107	758
AUG. 18, 1989	7	--	7	12	3	26	39	4	100	274	54	519
AUG. 11, 1989	11	--	11	10	3	28	7	10	158	512	119	858
DISTRICT 5 TOTAL												
SEP. 01, 1989	16	--	16	--	--	11	5	9	6	2	--	49
AUG. 25, 1989	18	--	18	--	--	17	3	8	42	5	--	93
AUG. 18, 1989	44	--	44	--	--	17	6	8	4	--	--	79
AUG. 11, 1989	55	--	55	--	--	18	5	20	5	2	--	105
TOTAL U.S.												
	221	--	221	44	4	77	222	462	165	532	11	1,738
TOTAL U.S. Weeks Ended:												
AUG. 25, 1989	515	--	515	87	4	119	220	352	309	453	128	2,187
AUG. 18, 1989	280	--	280	120	3	98	330	360	123	442	60	1,816
AUG. 11, 1989	472	--	472	32	3	114	304	552	217	625	125	2,444
SEP. 2, 1988	410	4	406	95	3	89	316	525	175	267	227	2,107

¹Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

²Gasoline blending components are not included in total motor gasoline imports.

³Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.

Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.

Reported on a Port of Entry basis.

The Total of crude oil imports includes those from Canada.

Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.

Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

08/25/89	PAGE 4	T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	6,274
				TOTAL U.S.	6,509
			CANADIAN CRUDE OIL	DISTRICTS 1-4 TOTAL	676
				TOTAL U.S.	676